

PATENT

DOCKET NO. 4524A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: **Clark *et al.***

Art Unit: **2833**

Serial No: Continuation of **09/160,900**

Examiner: **H. Vu**

Filed: Filed Herewith

For: **Power Connector**

21 June 2001

Commissioner for Patents
Washington, DC 20231

Sir:

PRELIMINARY AMENDMENT

Kindly amend the above application as set forth below prior to examination.

IN THE CLAIMS:

Cancel claims 1-54. Add the following claims:

55. (New) Matable electrical connectors comprising:

(a) a receptacle comprising an insulative receptacle housing having at least one conductive receptacle contact, said receptacle contact comprising a pair of spaced walls forming therebetween a plug contact receiving space; and

(b) a plug comprising an insulative plug housing having at least one conductive plug contact, said plug contact comprising a pair of spaced walls, said spaced walls each having a plate extending therefrom, said plates forming a projecting section engageable in the plug receiving space of the receptacle contact, said plates being opposed and spaced from each other by a distance less than a distance between said walls, said projecting section forming an unobstructed medial air gap.

56. (New) Matable electrical connectors comprising:

(a) a receptacle comprising an insulative receptacle housing having at least one conductive receptacle contact, said receptacle contact comprising a pair of spaced walls forming therebetween a plug contact receiving space; and

(b) a plug comprising an insulative plug housing having at least one conductive plug contact, said plug contact comprising a pair of spaced walls, said spaced walls each having a plate extending therefrom, said plates forming a projecting section engageable in the plug receiving space of the receptacle contact, said plates being opposed and spaced from each other by a distance less than a distance between said walls, said projecting section forming a medial air gap, said medial air gap being unobstructed so as to allow heat building up therein to dissipate.

57. (New) Matable electrical connectors comprising:

(a) a receptacle comprising an insulative receptacle housing having at least one conductive receptacle contact, said receptacle contact comprising a pair of spaced walls forming therebetween a plug contact receiving space; and

(b) a plug comprising an insulative plug housing having at least one conductive plug contact, said plug contact comprising a pair of spaced walls, said spaced walls each having a plate extending therefrom, said plates forming a projecting section engageable in the plug receiving space of the receptacle contact, said plates being opposed and spaced from each other by a distance less than a distance between said walls and wherein distal portion of said opposed plates can come into contact with each other.

REMARKS

In this application's parent, certain claims were cancelled to reduce the number of issues in the application and increase the probability that the application could be passed to immediate issue. These cancelled claims were to be reintroduced later in a continuing application and were not dedicated to the public.

This continuing application does not represent one of such reintroductions.

In this continuing application, applicant submits different claims of varying scope for examination. No new matter is introduced.

An early indication of allowable subject matter is requested.

Respectfully submitted,



Steven M. Reiss
Attorney for Applicants
Registration No. 37,519

Attorney Docket No. **4524A**
FCI USA, Inc.
Intellectual Property Law Department
825 Old Trail Road
Etters, PA 17319
Telephone (717) 938-7514

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CheraLynn Wiest

Date

6/21/01